

Message

From: Aburano, Douglas [aburano.douglas@epa.gov]
Sent: 1/10/2018 5:27:24 PM
To: D'Agostino, Kathleen [dagostino.kathleen@epa.gov]; Liljegren, Jennifer [Liljegren.Jennifer@epa.gov]
Subject: FW: Milwaukee-Racine HYSPLIT Back Trajectories
Attachments: WI Racine HYSPLIT 2015-2017.pptx; Milwaukee-Racine HYSPLIT Trajectories.pptx

Flag: Follow up

FYI.

From: Mathias, Scott
Sent: Wednesday, January 10, 2018 10:19 AM
To: Mooney, John ; Aburano, Douglas
Subject: FW: Milwaukee-Racine HYSPLIT Back Trajectories

John/Doug,

FYI - Letting you know that Clint Woods yesterday asked us for more detailed information on back trajectories for the area around Racine. He is apparently helping prepare the Admin for a discussion with Gov Walker some time soon. Clint was seeking information that might illuminate possible flexibilities in the ozone designation, including whether all or some portion of Racine may not be contributing to downwind violations and whether a stand-alone Racine could be "unclassifiable" based on incomplete 2014-2016 data.

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From: Mathias, Scott
Sent: Wednesday, January 10, 2018 11:14 AM
To: Koerber, Mike <Koerber.Mike@epa.gov>
Cc: 'Jones, Rhea' <jones.rhea@epa.gov>; Perlmutter, Lars <perlmutter.lars@epa.gov>; Solomon, Douglas <Solomon.Douglas@epa.gov>
Subject: RE: Milwaukee-Racine HYSPLIT Back Trajectories

Mike,

I'm attaching supplemental back trajectory information on the Racine monitor for 2015-2017 (21 exceedances, 11 of which are in 2017). If Racine were the only violating monitor then there might be a case for excluding the far western part of the county (based on 100m and 500m plots), but the case for potential contribution of the far western portion to the violations in Ozaukee County seems relatively clear.

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From: Mathias, Scott
Sent: Tuesday, January 09, 2018 4:38 PM
To: Koerber, Mike <Koerber.Mike@epa.gov>
Cc: Jones, Rhea <jones.rhea@epa.gov>; Perlmutter, Lars <perlmutter.lars@epa.gov>; Solomon, Douglas <Solomon.Douglas@epa.gov>
Subject: Milwaukee-Racine HYSPLIT Back Trajectories

Mike,

Per our discussion with Clint this morning, attached is a tile plot of the 3 sets of back trajectories from the complete and violating monitors in the MSA. Special thanks to Lars and Doug for making quick work of this.

As a reminder, these are 24-hour back trajectories for all 70+ ppb exceedance days in the three year period 2014-2016. Also as a reminder, the preliminary 2015-2017 DV at the monitor in Racine County is 74 ppb, with a preliminary 2017 4th max of 80 ppb.

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